

Tarea #1

L. A.	L _{ri}	L _{rs}	X _S	f	fa	fX _S
34-42	33.5	42.5	38	2	2	76
43-51	42.5	51.5	47	3	5	141
52-60	51.5	60.5	56	8	13	448
61-69	60.5	69.5	65	13	26	845
70-78	69.5	78.5	74	10	36	740
79-87	78.5	87.5	83	3	39	249
88-96	87.5	96.5	92	6	45	552

$$\bar{X} = \frac{\sum fX_S}{N} \quad \bar{X} = \frac{3,051}{45} = 67.80$$

$$MO = L_{ri} = \left(\frac{\Delta_1}{\Delta_1 + \Delta_2} \right) \Delta_1 = 13 - 8 = 5 \quad \Delta_2 = 13 - 10 = 3$$

$$MO = 60.5 + \left(\frac{5}{5+3} \right) 9 \quad MO = 60.5 + \left(\frac{5}{8} \right) 9 \quad MO = 60.5 + (0.63) 9$$

$$MO = 60.5 + 5.67 \quad MO = \underline{\underline{66.17}}$$

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